Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 12 May 2023 until 23:59 on Saturday 13 May 2023

Forecast Issued on Friday 12 May 2023 at 01:26

Confidence: High for main themes but lower than usual confidence regarding the extent of low cloud cover on Friday and Saturday. Low confidence currently in arrival/clearance of rain Sunday and Monday.

Headline for Friday 12 May 2023: Low cloud along with mist/fog patches to start, cloud lifting during the morning and perhaps some sunny spells developing.

Mountain weather hazards on Friday 12 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
20%	10%	10%	20%	10%	10%

Forecast for Friday 12 May 2023

Weather: Extensive low cloud, mist and fog across the region, with perhaps a few patches of light drizzle across the summits. Becoming brighter through the morning as cloud starts to lift, with perhaps some good sunny spells developing to the west of the area. Further east it is likely to remain cloudy throughout the day, with low cloud perhaps lingering throughout across eastern summits. Low cloud returning across the region into the evening with further mist/fog patches redeveloping.

Chance of cloud-free hill tops above 600m: 10% rising to 70% across western summits but only rising to 30% across eastern summits. Becoming 20% across the whole region into the evening.

Low Cloud and visibility: Extensive low cloud and mist/fog patches likely causing poor or very poor visibilities to start. Cloud then lifting above most western summits by mid-day with visibilities improving, but cloud lingering across eastern summits throughout will see poor visibilities continue. Cloud lowering across the region into the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 12 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 NE	15/21 NE	16/22 NE	16/23 NE	16/22 NE	14/21 NE	11/18 NE
300	11/21 NE	12/21 NE	12/21 NE	12/21 NE	11/21 NE	11/22 NE	7/16 NE
Valley	9/21 NE	11/21 NE	9/18 NE	10/19 NE	8/18 NE	9/20 NE	5/13 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	7/3	8/5	8/4	7/3	5/1	4/0
300	9/6	11/8	13/10	12/10	10/8	8/5	6/4
Valley	10/8	13/11	15/14	15/13	13/11	9/7	7/6
Freezing Level*	1700m	1700m	1800m	1800m	1800m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some poor visibilities to start the day with mist and fog patches, perhaps throughout the day in the east. Risk of high UV levels in any sunny spells that develop in the west during the afternoon, with extra sun protection essential. Feeling chilly at times across summits in the fresh breeze.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 12 May 2023	9.6mm	11.4mm	12.2mm

Forecast for Saturday 13 May 2023

Weather: Low cloud becoming extensive again overnight with a risk of mist and fog patches redeveloping, but western hills may remain clear throughout. Cloud lifting and breaking across the region through the morning with some good sunny periods developing by the afternoon.

Maximum wind: Northeasterly 5-10mph.

Chance of cloud-free hill tops above 600m: 20% rising to 90% through the morning

Low Cloud and visibility: Some poor visibilities to start in any mist and fog patches, along with low cloud perhaps affecting summits. Cloud lifting during the morning allows visibilities to become very good by mid-morning.

Temperature: **Valleys:** Plus 6 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 4 Celsius, rising to Plus 13 Celsius.
Freezing level: Above all summits.

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